

**Amendments to the Specification:**

Please replace the paragraph beginning on page 4, line 26, with the following amended paragraph:

Figure 2A shows a schematic representation of an embodiment of a plug-connector verification for a plug having a locking element in a ~~non-plugged~~ plugged position.

Please replace the paragraph beginning on page 4, line 30, with the following amended paragraph:

Figure 2B shows a schematic representation of an embodiment of a plug-connector verification for a plug having a locking element in a non-plugged position.

Please replace the paragraph beginning on page 5, line 13, with the following amended paragraph:

When the plug connection is in the plugged state, then analyzer device 7 (which is formed on a microchip for fixed connection to the plug 4) detects the state of plug connection 1 and triggers a signal which is transmitted to a data transmission device 8, e.g., a transponder.

Please replace the paragraph beginning on page 5, line 34, with the following amended paragraph:

Figures 2A and 2B show the principle of an analysis of the plug connection. Figure ~~[[2A]]~~ 2B shows the plug connection while in the ~~incomplete unplugged~~ state. In this position, locking element 5 operates a switch 13 which is designed as part of analyzer unit 7. By moving the plug in the direction of arrow 14, the locking element opens and releases switch 13 as shown in Figure ~~[[2B]]~~ 2A. Subsequently, the signaling process already described in Figure 1 takes place to transmit the corresponding signal to the operator.